

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052820\
 Data File : VV016304.D
 Acq On : 29 May 2020 03:07
 Operator : SY/MD
 Sample : L2662-07
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9B11

Manual Integrations
 APPROVED

MMDadoda
 5/29/2020 4:26:54 PM

Quant Time: May 29 06:16:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 29 04:21:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	98590	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	94921	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	48903	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	26183	4.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.60%
7) Chloroethane-d5	1.58	69	17558	3.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	63.20%#
11) 1,1-Dichloroethene-d2	2.12	63	47112	3.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.20%
20) 2-Butanone-d5	3.98	46	53237m	33.90	ug/L	0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	67.80%
24) Chloroform-d	4.38	84	52817	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.80%
26) 1,2-Dichloroethane-d4	5.06	65	28390	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.00%
32) Benzene-d6	5.07	84	106177	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
36) 1,2-Dichloropropane-d6	6.10	67	32285	4.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.80%
41) Toluene-d8	7.34	98	96795	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.40%
45) trans-1,3-Dichloropropene-	7.65	79	10642	3.92	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.40%
48) 2-Hexanone-d5	8.12	63	56474	45.41	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.82%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	22496	4.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	37408	4.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	372252	43.114	ug/L	99
12) 1,1-Dichloroethene	2.13	96	21032	3.617	ug/L	92
13) Acetone	2.26	43	12927m	13.296	ug/L	
14) Carbon disulfide	2.31	76	2082	0.115	ug/L	98
18) trans-1,2-Dichloroethene	2.78	96	36843	5.790	ug/L	96
19) 1,1-Dichloroethane	3.21	63	2515	0.208	ug/L	97
22) cis-1,2-Dichloroethene	3.94	96	7918446	1052.095	ug/L	100
27) 1,2-Dichloroethane	5.16	62	19212m	2.297	ug/L	
33) Benzene	5.12	78	233697	8.556	ug/L	100
34) Trichloroethene	5.94	95	14096	1.981	ug/L	95
42) Toluene	7.41	91	347023	11.650	ug/L	99
47) 1,1,2-Trichloroethane	7.87	97	3703	0.840	ug/L	98
54) Ethylbenzene	9.03	91	371341	11.184	ug/L	99
55) m,p-xylene	9.16	106	156597	12.577	ug/L	100
56) o-xylene	9.56	106	115672	9.749	ug/L	96
57) Styrene	9.58	104	22542	1.142	ug/L #	49
58) Isopropylbenzene	9.95	105	18833	0.579	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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